



IFIN

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named

Inventor : Huang et al.

Appln. No. : 10/636,176

Filed : August 7, 2003

For : HEAD MOUNTED MULTI-SENSORY
AUDIO INPUT SYSTEM

Docket No.: M61.12-0516

Group Art Unit: 2643

Examiner: ---

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450I HEREBY CERTIFY THAT THIS PAPER IS BEING
SENT BY U.S. MAIL, FIRST CLASS, TO THE
COMMISSIONER FOR PATENTS, P.O. BOX 1450,
ALEXANDRIA, VA 22313-1450, THIS1st DAY OF April 2005.

PATENT ATTORNEY

Sir:

The patents or publications listed on the enclosed PTO Form-1449 are submitted pursuant to 37 C.F.R. § 1.97. Copies of the patents or publications cited are enclosed.

TIME OF FILING

The information disclosure statement is being filed:

1. X with the application or within three months of the filing date of the application or date of entry into the national stage of an international application or before the mailing date of a first Office action on the merits, whichever event occurs last. In accordance with 37 C.F.R. § 1.97(b), no statement or fee is required.
2. after the time period specified in paragraph 1 above, but before the mailing date of a final action under 37 C.F.R. § 1.113 or notice of allowance under 37 C.F.R. § 1.311. Therefore, in accordance with 37 C.F.R. § 1.97(c), submitted herewith is:

(check either A or B below)

- A. a statement as specified in 37 C.F.R. § 1.97(e).
- B. the fee set forth in 37 C.F.R. § 1.17(p) for

submission of an information disclosure statement under 37 C.F.R. § 1.97(c).

3. _____ after the mailing date of either a final action under 37 C.F.R. § 1.113 or a notice of allowance under 37 C.F.R. § 1.311, whichever occurs first, but before payment of the issue fee. Therefore, Applicant petitions for consideration and submits herewith:
- A. a statement as specified in 37 C.F.R. § 1.97(e);
 - B. the petition fee set forth in 37 C.F.R. § 1.17(p).

STATEMENT

(only used if No. 2(A) or No. 3 above is checked)

The person(s) signing below certify

(check appropriate paragraph)

_____ that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement. 37 C.F.R. § 1.97(e)(1).

OR

_____ that no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this statement. 37 C.F.R. § 1.97(e)(2).

METHOD OF PAYMENT

 X No fee is required.

 Attached is a check in the amount of \$.

The Director is authorized to charge any fee deficiency

required by this paper or credit any overpayment to Deposit Account No. 23-1123. A duplicate copy of this communication is enclosed.

Respectfully submitted,

WESTMAN, CHAMPLIN & KELLY, P.A.

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FORM P-1449 PATENT & TRADEMARK	Atty. Docket No.: M61.12-0516	Appl. No.: 10/636,176
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	First Named Inventor:	
	Huang et al.	
	Filing Date	Group Art:
	August 7, 2003	2643

U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
AA	3,383,466	05/14/68	W.A. Hilix et al.	179	1	
AB	5,647,834	07/15/97	Ron	600	23	
AC	6,343,269	01/29/02	Harada et al.	704	243	
AD	6,594,629	07/15/03	Basu et al.	704	251	
AE	2003/01448 44 A1	07/31/03	Colmenarez et al.	704	273	
AF	2001292498 9	19.10.01	Matsuda Munehiro			Japan Abstract only

FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Class	Sub Class	Translation Yes No
AG	WO 02/077972 A1	03.10.02	PCT			
AH	WO 03/055270 A1	03.07.03	PCT			
AI	04 016 226.5	12/17/04	Search Report			

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AJ	Zheng Y. et al., "Air and Bone-Conductive Integrated Microphones for Robust Speech Detection and Enhancement" Automatic Speech Recognition and Understanding 2003. pp. 249-254.
AK	De Cuetos P. et al. "Audio-visual intent-to-speak detection for human-computer interaction" Vol. 6, June 5, 2000. pp, 2373-2376.

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.